

**South Lahontan Hydrologic Region - Antelope Valley Planning Area (PA 904)**  
**Water Use and Distribution of Dedicated Supplies**

(Thousand Acre-Feet)

|   | 1998              |               |              | 2000              |               |              | 2001              |               |              |
|---|-------------------|---------------|--------------|-------------------|---------------|--------------|-------------------|---------------|--------------|
|   | Applied Water Use | Net Water Use | Depletion    | Applied Water Use | Net Water Use | Depletion    | Applied Water Use | Net Water Use | Depletion    |
| <b>WATER USE</b>                          |                   |               |              |                   |               |              |                   |               |              |
| <b>Urban</b>                              |                   |               |              |                   |               |              |                   |               |              |
| Large Landscape                           | 4.4               |               |              | 3.4               |               |              | 2.0               |               |              |
| Commercial                                | 14.9              |               |              | 8.8               |               |              | 8.0               |               |              |
| Industrial                                | 1.0               |               |              | 0.3               |               |              | 0.5               |               |              |
| Energy Production                         | 1.4               |               |              | 1.4               |               |              | 1.4               |               |              |
| Residential - Interior                    | 42.2              |               |              | 69.8              |               |              | 57.7              |               |              |
| Residential - Exterior                    | 30.8              |               |              | 44.8              |               |              | 37.9              |               |              |
| Evapotranspiration of Applied Water       |                   | 35.2          | 35.2         |                   | 48.2          | 48.2         |                   | 39.9          | 39.9         |
| E&ET and Deep Perc to Salt Sink           |                   | 20.1          | 20.1         |                   | 27.2          | 27.2         |                   | 22.9          | 22.9         |
| Outflow                                   |                   | 9.6           | 9.6          |                   | 12.7          | 12.7         |                   | 10.8          | 10.8         |
| Conveyance Applied Water                  | 4.6               |               |              | 4.6               |               |              | 4.6               |               |              |
| Conveyance Evaporation & ETAW             |                   | 4.6           | 4.6          |                   | 4.6           | 4.6          |                   | 4.6           | 4.6          |
| Conveyance Deep Perc to Salt Sink         |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| Conveyance Outflow                        |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| GW Recharge Applied Water                 | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| GW Recharge Evap + Evapotranspiration     |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| <b>Total Urban Use</b>                    | <b>99.3</b>       | <b>69.5</b>   | <b>69.5</b>  | <b>133.1</b>      | <b>92.7</b>   | <b>92.7</b>  | <b>112.1</b>      | <b>78.2</b>   | <b>78.2</b>  |
| <b>Agriculture</b>                        |                   |               |              |                   |               |              |                   |               |              |
| On-Farm Applied Water                     | 60.4              |               |              | 82.0              |               |              | 64.9              |               |              |
| Evapotranspiration of Applied Water       |                   | 40.8          | 40.8         |                   | 54.9          | 54.9         |                   | 43.8          | 43.8         |
| E&ET and Deep Perc to Salt Sink           |                   | 1.6           | 1.6          |                   | 2.2           | 2.2          |                   | 1.7           | 1.7          |
| Outflow                                   |                   | 14.1          | 14.1         |                   | 19.5          | 19.5         |                   | 15.2          | 15.2         |
| Conveyance Applied Water                  | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| Conveyance Evaporation & ETAW             |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| Conveyance Deep Perc to Salt Sink         |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| Conveyance Outflow                        |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| GW Recharge Applied Water                 | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| GW Recharge Evap + Evapotranspiration     |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| <b>Total Agricultural Use</b>             | <b>60.4</b>       | <b>56.5</b>   | <b>56.5</b>  | <b>82.0</b>       | <b>76.6</b>   | <b>76.6</b>  | <b>64.9</b>       | <b>60.7</b>   | <b>60.7</b>  |
| <b>Environmental</b>                      |                   |               |              |                   |               |              |                   |               |              |
| <b>Instream</b>                           |                   |               |              |                   |               |              |                   |               |              |
| Applied Water                             | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| Outflow                                   |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| <b>Wild &amp; Scenic</b>                  |                   |               |              |                   |               |              |                   |               |              |
| Applied Water                             | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| Outflow                                   |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| <b>Required Delta Outflow</b>             |                   |               |              |                   |               |              |                   |               |              |
| Applied Water                             | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| Outflow                                   |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| <b>Managed Wetlands</b>                   |                   |               |              |                   |               |              |                   |               |              |
| Habitat Applied Water                     | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| Evapotranspiration of Applied Water       |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| E&ET and Deep Perc to Salt Sink           |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| Outflow                                   |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| Conveyance Applied Water                  | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| Conveyance Evaporation & ETAW             |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| Conveyance Deep Perc to Salt Sink         |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| Conveyance Outflow                        |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |                   | 0.0           | 0.0          |
| Total Managed Wetlands Use                | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          |
| <b>Total Environmental Use</b>            | <b>0.0</b>        | <b>0.0</b>    | <b>0.0</b>   | <b>0.0</b>        | <b>0.0</b>    | <b>0.0</b>   | <b>0.0</b>        | <b>0.0</b>    | <b>0.0</b>   |
| <b>TOTAL USE AND OUTFLOW</b>              | <b>159.7</b>      | <b>126.0</b>  | <b>126.0</b> | <b>215.1</b>      | <b>169.3</b>  | <b>169.3</b> | <b>177.0</b>      | <b>138.9</b>  | <b>138.9</b> |
| <b>DEDICATED WATER SUPPLIES</b>           |                   |               |              |                   |               |              |                   |               |              |
| <b>Surface Water</b>                      |                   |               |              |                   |               |              |                   |               |              |
| Local Deliveries                          | 5.0               | 5.0           | 5.0          | 6.5               | 6.5           | 6.5          | 6.8               | 6.8           | 6.8          |
| Local Imported Deliveries                 | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          |
| Colorado River Deliveries                 | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          |
| CVP Base and Project Deliveries           | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          |
| Other Federal Deliveries                  | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          |
| SWP Deliveries                            | 66.4              | 66.4          | 66.4         | 94.7              | 94.7          | 94.7         | 76.0              | 76.0          | 76.0         |
| Required Environmental Instream Flow      | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          | 0.0               | 0.0           | 0.0          |
| <b>Groundwater Net Withdrawal</b>         | 34.1              | 34.1          | 34.1         | 46.8              | 46.8          | 46.8         | 34.4              | 34.4          | 34.4         |
| <b>Deep Percolation of Surface and GW</b> | 33.7              |               |              | 45.8              |               |              | 38.1              |               |              |
| <b>Reuse/Recycle</b>                      |                   |               |              |                   |               |              |                   |               |              |
| Reuse Surface Water                       | 0.0               |               |              | 0.0               |               |              | 0.0               |               |              |
| Recycled Water                            | 20.5              | 20.5          | 20.5         | 21.3              | 21.3          | 21.3         | 21.7              | 21.7          | 21.7         |
| <b>TOTAL SUPPLIES</b>                     | <b>159.7</b>      | <b>126.0</b>  | <b>126.0</b> | <b>215.1</b>      | <b>169.3</b>  | <b>169.3</b> | <b>177.0</b>      | <b>138.9</b>  | <b>138.9</b> |
| <i>Balance = Use - Supplies</i>           | <i>0.0</i>        | <i>0.0</i>    | <i>0.0</i>   | <i>0.0</i>        | <i>0.0</i>    | <i>0.0</i>   | <i>0.0</i>        | <i>0.0</i>    | <i>0.0</i>   |